

#4105  
1/30/2004

PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. <del>21154</del> 21154-DIV	SERIAL NO. <del>10769,554</del> 10769,554
	APPLICANT Sung, Chien-Min	
	FILING DATE <del>10-11-02</del> 1/30/2004	GROUP <del>2814</del> 2814

LIST OF PRIOR ART CITED BY APPLICANT

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MSP	AA	6,167,948	01-02-01	Thomas			
	AB	5,382,314	01-17-95	Jin			
	AC	5,786,075	07-28-98	Mishuku et al.			
	AD	4,948,388	08-14-90	Ringwood			
	AE	3,913,280	10-21-75	Hall			
	AF	5,120,495	06-09-92	Supan et al.			
	AG	6,264,882	07-24-01	Colella et al.			
	AH	5,130,771	07-14-92	Burnham et al.			
	AI	4,231,195	11-04-80	DeVries et al.			
	AJ	3,574,580	04-13-71	Stromberg et al.			
	AK	1,382,080	01-29-75	Vereschagin et al.			
	AL	6,031,285	02-29-00	Nishibayashi			
	AM	6,413,589	07-02-02	Li			
	AN	4,649,992	03-17-87	Geen et al.			
	AO	5,895,972	04-20-99	Paniccia			
	AP	6,361,857	03-26-02	Saito et al.			
	AQ	6,238,454	05-29-01	Polese et al.			
	AR	6,448,642	09-10-02	Bewley et al.			
	AS	5,719,441	02-17-98	Larimer			
WSP	AT	5,070,936	12-10-91	Carroll et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AU						
	AV						

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

	AW	
	AX	

EXAMINER

*James B. Sigant*

DATE CONSIDERED

4/27/2005

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



#2 IDS  
1/30/2004

Sheet 1 of 2

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
		<del>21154.CIP</del> 21154.DIV	<del>10/453,469</del> 10/769,554
		APPLICANT Chien-Min Sung, Tansui, Taiwan	
LIST OF PRIOR ART CITED BY APPLICANT		FILING DATE	GROUP
		<del>06-02-03</del> 1/30/2004	2814

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MDP	AA	2002/ 0023733 A1	02-28-02	Hall et al.			
	AB	3,574,580	04-13-71	Stromberg et al.			
	AC	3,678,995	07-25-72	Collard			
	AD	3,828,848	08-13-74	Custers et al.			
	AE	3,872,496	03-18-75	Potter			
	AF	3,912,500	10-14-75	Vereschagin et al.			
	AG	3,913,280	10-21-75	Hall			
	AH	3,949,263	04-06-76	Harper			
	AI	4,231,195	11-04-80	DeVries et al.			
	AJ	4,576,224	03-18-86	Eaton et al.			
	AK	4,649,992	03-17-87	Geen et al.			
	AL	4,948,388	08-14-90	Ringwood			
	AM	5,070,936	12-10-91	Carroll et al.			
	AN	5,120,495	06-09-92	Supan et al.			
	AO	5,130,771	07-14-92	Burnham et al.			
	AP	5,382,314	01-17-95	Jin			
	AQ	5,642,779	07-01-97	Yamamoto et al.			
	AR	5,696,665	12-09-97	Nagy			
	AS	5,719,441	02-17-98	Larimer			
	AT	5,783,316	07-21-98	Colella et al.			
	AU	5,786,075	07-28-98	Mishuku et al.			
	AV	5,895,972	04-20-99	Paniccia			
	AW	6,031,285	02-29-00	Nishibayashi			
	AX	6,167,948 B1	01-02-01	Thomas			
	AY	6,238,454 B1	05-29-01	Polese et al.			
	AZ	6,264,882 B1	07-24-01	Colella et al.			
	BA	6,335,863 B1	01-01-02	Yamamoto et al.			
MDP	BB	6,337,513 B1	01-08-02	Clevenger et al.			

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 21154.CIP	SERIAL NO. 10/453,469
		APPLICANT Chien-Min Sung, Tansui, Taiwan	
		FILING DATE 06-02-03	GROUP 2814

## LIST OF PRIOR ART CITED BY APPLICANT

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MAP	BC	6,361,857 B1	03-26-02	Saito et al.			
	BD	6,390,181 B1	05-21-02	Hall et al.			
	BE	6,448,642 B1	09-10-02	Bewley et al.			
	BF	6,517,221 B1	02-11-03	Xie			
MAP	BG	6,538,892 B2	03-25-03	Smalc			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BH						
	BI						
	BJ						
	BK						
	BL						

## OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

	BM	
	BN	
	BO	

EXAMINER <i>James D. Liguori</i>	DATE CONSIDERED 4/27/2005
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#1 IDS  
1/30/2004

Sheet 1 of 1

PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF PRIOR ART CITED BY APPLICANT	ATTY. DOCKET NO. <del>21154 CIP</del> 21154 DIV	SERIAL NO. <del>10453469</del> 10769557
	APPLICANT Chien-Min Sung	
	FILING DATE <del>8/2/03</del> 1/30/2004	GROUP 2814

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1					
	A2					
	A3					
	A4					
	A5					
	A6					
	A7					
	A8					
	A9					
	A10					
	A11					
	A12					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	A13					
	A14					
	A15					
	A16					
	A17					

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)

MDP	A18	Horton, M. D., B. J. Pope and H. T. Hall, "Sintered Diamond," INTERNATIONAL INDUSTRIAL DIAMOND ASSOCIATION SYMPOSIUM, WASHINGTON, D. C. (1974).
MDP	A19	Pope, B. J., M. D. Horton, H. T. Hall, L. S. Bowman and H. Adaniya, "Sintered Diamond: Its Possible Use as a High Thermal Conductivity Semiconduction Device Substrate," PROC. 4TH INTERNATIONAL CONFERENCE ON HIGH PRESSURE (AIRAPT), Kyoto, Japan (1974).
MDP	A20	Hall, H. Tracy, "Sintered Diamonds," SCIENCE, Vol 169, August 28, 1970.

EXAMINER <i>Marion D. Sigurd</i>	DATE CONSIDERED 4/27/2005
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.	